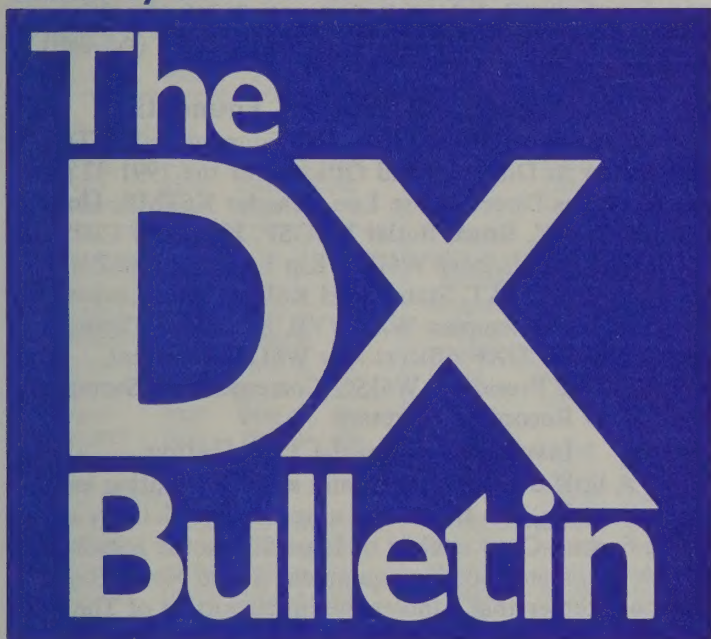


Albania - ZA As of Monday, Aug. 12, there are two Hungarian groups in Tirana with amateur radio licenses. HA0MM and HA0NNN have been joined by HA5PP and HA5HO. While their licenses grant full mode and frequencies privileges, the Ministry of Defense may impose some limitations. In any case, both groups, using separate callsigns, should be active for the next month, to mid-September.

Burma - XZ The latest news from Romeo about the start of his Myanmar/Burma operation is 'mid-August,' or about now. More details as to callsign, operating frequencies, etc., should be available by next week.

Note: With the top two Most Wanted Countries on the air, note that government monitoring stations will be tuning the amateur bands. Watch your VFOs!

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Africa John Rouse KA3DBN will be in southern Africa during September, and will be active as **ZS6JR**. He plans visits to 7P8, Z21, A22, H5, 3DA0, and C9. All bands, CW, SSB, and RTTY. QSL home call.

Barbados - 8P Darin Divinia WG5J and his father Don W5LNL will be active as **8P9BZ** and **8P9AP** Aug. 22-Sept. 3, CW and SSB. QSL to home address: Rt. 6 Box 269, Greenville TX 75401 (same for both ops.)

Morocco - CN A French/Moroccan team will operate as **CN12DKH** to Aug. 18th, from a Sahara Desert site near the border with Mauritania. Operators are CN8MK, CN8ST, CN8VV/F6EEM, CN8YP/F6FYP, and others. All bands, CW and SSB, and possibly RTTY. QSL to Arram, Box 299, Rabat, Morocco.

Shortly Noted

- **3D2RW** on Fiji is Ron Wright ZL1AMO's latest stop in his multi-country Pacific DXpedition.
- **St. Brandon - 3B7:** DX News Sheet reports that Jackie 3B8CF was denied permission to operate from 3B7, ending, for now, his attempts to put one of the Most Countries on the air. He will try again soon.
- **RU4L** is a special-event station Aug. 20-30, in connection with the Radio Championship of the Red Army. A pendant is available for US\$5 or 10 IRCs from the Union Patriotic Association, Box 3012, Ulyanovsk 432030 USSR.
- **9L1US** will operate through the CQWW SSB test, before dismantling his station. Dave has been very active recently on all bands. He skeds QSL manager WA8JOC at 1800Z Sundays on 21327 kHz. DX courtesy, please.
- **FT4WC** likewise shuts down in a couple of months. Catch him now on 20-meter long path 11-1400Z, mostly CW.
- **3DA0BX** and husband **3DA0BW** move to Malawi in early Sept. Christine is often in SSB nets. (MDXN.)
- **EO50PQ** is a special call honoring the 50th anniversary of Allied sea convoys, in WWII. The station will be active Aug. 15-Oct. 15.
- **VI4HBW** Hervey Bay special-event station has been logged on 14240 kHz 11-1300Z.
- **5J6P** is a special-event station Aug. 24 in Colombia, celebrating 128 years of the city of Pereira.
- **KE7VW** and **WB7OJV** will operate from the USS Nimitz Aug. 18-24, celebrating the ship's return from Desert Storm. They offer a certificate for working the ship.
- **9H3UUP** will be active Aug. 16-18 on all bands, CW, SSB, and RTTY.
- **4U1ITU** will be operated by DF8AN, DL8OBC, and DL4OK Aug. 19-24. All bands, CW and SSB. QSL home calls, direct or via the bureau. (DXNS.)
- **D2ACA** documentation has been accepted by the DXCC desk for award credit. The D2/ individual operations have not yet been accepted. QSL to LZ2DF. DXCC credit for Baldur's **SY/DJ6SI** Mt. Athos operation has been suspended, pending additional documentation.
- The **DXCC Backlog** is down to under one month. The next step is to handle all endorsements on computer, as has been done with new applications for the past year. Congratulations to the DXCC team for eliminating the former six-month endorsement-processing delay!
- **GB60NTS** and **GB2NTS** will be active Aug. 31-Sept. 1 from Brodie and Culzean Castles.
- **SSB Net** check-ins: **7159 kHz:** KH6LW/KH7; **14160:** YS1EJ; **14227:** TJ1FN LX1BT YB8HX S79KMB VI4HBW; **14250 JZ3ZH;** **14256:** 5Z4BP ST2TD ST0DX S79KMB 5T5HH; **21335 S79KMB SV2ASP/A.**
- **RTTY** report: **ZK1RY** has been very active on 14085 kHz at 11-1200Z; QSL via HB9DKQ. Some spots: **C9RKL** 14092 1400Z; **SUIER** 14078 ARQ 1725Z; **9V1XO** 14087 1000Z.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
August 1991	Date Flux A K	Date Flux A K
16 Below Normal	07/20 199 23/32 3	06/22 170 28/41 3
17 Below Normal	07/21 215 20/32 3	06/23 161 26/37 4
18 Low Normal	07/22 223 15/23 2	06/24 168 24/35 4
19 High Normal	07/23 227 11/14 2	06/25 173 15/23 3
20 Above Normal	07/24 233 07/08 2	06/26 185 21/26 3
21 High Normal	07/25 230 11/13 1	06/27 200 10/14 2
22 Above Normal	07/26 220 05/08 1	06/28 211 12/13 2
23 Above Normal	07/27 213 05/09 2	06/29 227 04/07 1
24 Above Normal	07/28 213 06/09 1	06/30 236 18/27 3
25 Above Normal	07/29 220 08/09 2	07/01 242 08/15 2
26 High Normal	07/30 222 08/11 2	07/02 244 14/20 3
27 Above Normal	07/31 219 06/08 1	07/03 249 20/32 3
28 Low Normal	08/01 225 24/23 4	07/04 247 11/17 2
29 Disturbed	08/02 207 38/42 3	07/05 251 04/07 1

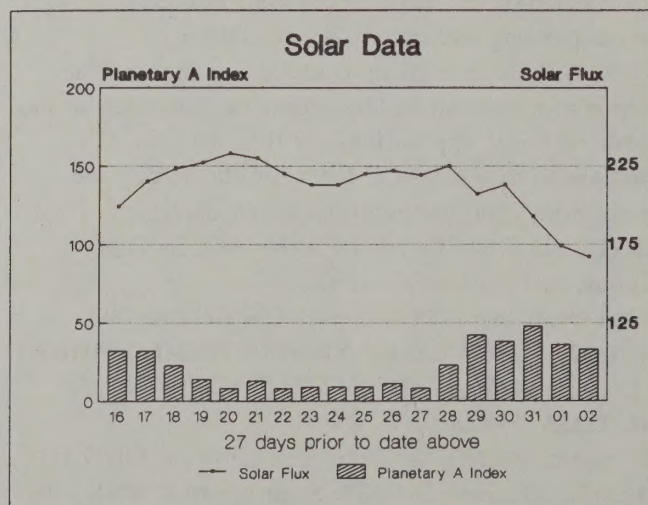
Propagation Watch

Solar flux fell below 140 last week, its lowest level since late April. This is both good and bad news for DXers.

The good news is that the two months of badly disturbed conditions, and active geomagnetic activity, seem to have ended. The sun may soon return to its regular, 27.5-day pattern of high and low activity, which is good news for DXers (especially with Albanian and Burmese operations expected momentarily!)

The bad news is that the declining solar flux reminds DXers that we have passed the peak of Sunspot Cycle 22. In fact, we have probably reached the end of the 'plateau' at the peak of the Cycle. We should be prepared for substantially lower solar activity during the next year. If you need any countries on 10 or 12 meters, work them this Fall!

The lower solar activity, and the approaching equinox, have given all bands a DX boost. 10 and 12 meters have yielded some daytime DX, still mostly north-south. Signals on 15 meters are still rather weak, but look for considerable improvement over the next month. 20 meters remains the prime DX band, especially during pre-dawn, and early evening hours (local time). There have even been some reports of low-band activity, when the K index is 2 or less. Watch the grayline for short, but useful, low-band openings. When the geomagnetic activity around the poles is low, try the long paths through the high latitudes. Good hunting!



Islands On The Air

- **Alderney Island (EU-114):** The Scottish Newport Amateur Radio Club will operate **GP4EZW** Sept. 7-14, signing **GU4EZW/p** during the SSB Field Day Sept. 7-8. All contacts will automatically be QSLed via the bureau, unless you specify direct confirmation during the QSO. (**DXNS**.)
- **Doini Island (OC-153):** Steve P29DX hopes to operate from this spot around the end of August.
- **Vaygach Island (EU-086):** UA9XC, UA9XLN, UA9XBE, and UA9XLZ will sign **4K3/** Aug. 20-Sept. 2, 80-10 meters, CW and SSB.
- **St. Lawrence Islands (NA-128):** VE2WIL, VE2LMD, and VE2DWH will be active Sept. 1-3.
- **Queen Charlotte Island (NA-051):** FD1JYD will be active the last two weeks of August. Callsign unknown.
- **Insua Island (EU-150):** CT1BY, CT1UE, CT1UD, and CT1ZW will operate /p (or perhaps with a special prefix) Aug. 23-25, on the usual IOTA frequencies: 7060, 14260, 21260, and 28460 kHz.
- **Some IOTA spots:** **GJ/ON5FP/p** (EU-099) 14260 kHz 1350Z; **FD1NBX/p** (EU-064) 21262 1240Z; **ES7R/0** (EU-034) 14262 0930Z; **YC4GDZ** (OC-144) 21260 1700Z; **KA1FOW** (NA-112) 21260 1700Z; **UA9K/RA9;I** (AS-089) 14186 2040Z.

Northern California DX Foundation

The Northern California DX Foundation (NCDXF) has elected its Directors and Officers for the 1991-92 term. Re-elected as Directors are Lou Beaudet K6TMB, Howard Brainen WZ6Z, Bruce Butler W6OSP, Josephine Clark WB6ZUC, Eric Edberg W6DU, Kip Edwards W6SZN, Rusty Epps W6OAT, Stan Kiesel K6UD, Dave Leeson W6QHS, Rich Stempien WA9WYB, and Steve Thomas N6ST. New NCDXF officers are: W6DU President; K6TMB Vice President, W6ISQ Corresponding Secretary, and K6UD Recording Secretary.

Issue 598 Second-Class Delays

A little detective work (and a lot of shouting and finger-pointing) has traced the unreasonable delivery delays in the Second-Class mailing of Issue 598 to the installation of new automated sorting equipment at the North Bay Regional center that handles the initial sorting of **The DX Bulletin**. I have been assured that this was a one-time error, and that all USPS workers involved understand DXers' desire for timely processing of their favorite DX newsletter.

Meanwhile, all readers will see a minor format change in **The DX Bulletin**, as we attempt to make our Issues 'automation handleable.' Perhaps this will speed delivery; at least it will eliminate one more excuse for postal delays. Stay tuned, and don't be concerned over our 'new' look.

ARRL Contest News

The ARRL Letter reports that the Awards Committee has accepted the recommendation of the Contest Advisory Committee to split the 'Maritime' multiplier in the ARRL DX test into five, separate multipliers: New Brunswick VE1, Nova Scotia VE1, Prince Edward Island VE1/VY1, Newfoundland VO1, and Labrador VO2. This means there will be 62 multipliers available for DX stations. This is the same multiplier breakdown as currently used in the ARRL 10-Meter test.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

RTTY

3B9FR	14094	1150	3	NH
3D2RW	18089	1147	10	FL
4S7RM	14090	1123	10	FL
9V1XQ	14083	1425	8	CA
A35IM	14083	1112	10	FL
EA6ZP	14090	2309	10	FL
EA9MY	14088	0141	4	FL
H18BG	14088	1100	7	PA
TU2YK	14088	2250	8	CA
UA9K/	14087	1640	7	CA
UW9MG				
UF6FJ	14087	2311	10	FL
UL7BJ	14087	0202	8	PA
ZK1RY	21084	0127	6	FL
ZK1XB	14084	0340	5	CA

160 Meters

VK3RE	1832	1214	3	WA
VK4YB	1832	1312	3	WA
ZL2BCG	1832	1215	3	WA

80 Meters

4K1A	3503	0320	31	MD
4K1D	3510	0203	29	AL
HF0POL	3507	0101	5	PA

40 Meters

5Z4FO	7003	0303	5	PA
CX5BW	7009	0427	2	OH
EA6NB	7007	0420	3	MI
PZ1DV	7003	1010	8	TX
TI2CCC	7005	0410	3	MI
TK5EP	7007	0427	6	OH
VU2PTT	7005	1336	6	WA

30 Meters

5W1JU	10104	1000	8	PA
6W8VG	10109	0506	31	OH
9J2HN	10104	2355	9	FL
CQ4DX	10102	0058	4	WV
EA6NB	10103	0459	31	OH
GJ2LU	10101	0511	2	OH
HC5AI	10103	1049	31	AL
H18A	10104	0508	5	CA
JY6ZZ	10110	0148	4	WV
KG4DD	10104	0202	7	PA
SV0DV/9	10102	0429	31	OH
UT5HP	10119	0248	9	CT
YS1AG	10101	0333	7	PA
ZL7HB	10113	0617	4	CA
ZS6QU	10107	0516	1	CA
ZS6QU	10102	2217	3	OH

20 Meter CW

3A2NU	14022	2234	1	NH
3B8FG	14021	0310	30	MI
3B8FG *	14020	1220	28	TX
3B8FK *	14026	1145	7	CT
3B8GA	14005	1131	1	WI
3B9FR	14008	1050	1	MD
3B9UF	14020	0230	3	SC
3C0CW	14013	2131	7	FL
3D2WE	14030	1144	1	NH
3D2WM	14017	0647	3	OH
3DA0BK	14018	1309	6	CA

4K1B	14008	1122	27	NJ
4K1D	14013	1318	27	CA
4K2BDU	14013	0210	31	GA
4K2OIL	14010	2257	30	NH
4S7CF *	14030	1214	3	MN
4S7WP	14003	0013	7	FL
4S7WP *	14005	1232	7	MN
4U1UN	14006	2345	8	FL
5W1JU	14020	0900	8	CA
5Z4FO	14028	0318	31	CA
5Z4FO	14027	0421	31	UT
7P8RQ	14020	0034	10	FL
7Q7LA	14028	1415	30	NH
8R1/	14024	2303	4	PA
G4AAL	14017	2303	5	FL
9M2AX	14027	1130	31	MI
9M2FK	14018	1135	3	NH
9M2ZA *	14033	1114	31	NY
9V1JY *	14027	1008	7	NY
9V1XR	14013	1440	4	CA
A35EA	14026	1321	4	FL
EX8V	14008	2213	7	FL
FH5EJ	14004	0346	2	OH
FH5EJ *	14013	1231	3	AL
FP5CW	14022	1216	4	NH
FR4FY *	14008	1105	2	TX
FR5DD	14008	1127	1	NH
FR5FA	14027	0353	2	OH
FR5FA	14020	1131	7	NJ
FR5FY *	14014	1259	10	FL
FT4WC *	14006	1221	5	MN
HD1/	14005	0108	6	MT
HC1MD	14010	2340	4	OH
HK0NAF	14019	2316	5	FL
HS0AC *	14025	1048	10	FL
HS0AC *	14026	1119	9	CT
HS0E	14003	1035	4	GA
HS1/	14015	1153	5	AL
JH8YDY				
HZ1AB *	14019	1317	4	FL
J28FO	14013	0325	1	CA
JD1/	14015	0845	6	CA
JH5EES	Minami	Torishima		
JT1CS	14032	1445	8	CA
OH0BBF	14027	1044	7	NJ
OH0BBF	14030	2152	7	FL
OH0BT	14004	1921	3	NY
OY7XA	14015	1133	27	NJ
P29BF	14015	1233	3	MO
PZ1DY	14018	0850	6	CA
RL7JA *	14026	1118	8	CT
RO4DR	14033	0059	1	ID
RY1R	14008	1134	1	NH
SU1HV	14004	2147	3	GA
SV1NA	14005	0432	30	MT
T40PAN	14013	0330	6	CA
UD6DBQ	14034	0315	1	CA
UG6GO	14023	2211	4	FL
UL8AWL	14006	0102	3	AZ
UM8MZ	14013	1440	4	CA
V85OO	14024	1051	7	NJ
VQ9RS	14049	2158	3	GA
VS6UW *	14021	1226	8	MN
VU2BGJ	14013	1308	6	OH
VU2EAI *	14016	1153	31	NY
VU2IOC	14031	0134	8	FL
VU2LX *	14018	1153	30	AL
VU2NI *	14005	1206	5	MN
VU2NTA	14002	1205	10	FL
VU2PCD *	14008	1224	5	MN
VU2TE	14028	1255	1	CO
YN1CC	14005	1107	31	NY

Z21CA *	14035	1330	4	FL
Z21FN	14021	1310	6	OH
ZD8SE	14023	2236	2	MN
ZK1XB	14024	0738	6	CA
ZK1XD *	14006	0339	2	OH

20 Meter SSB

3B8FU *	14200	1136	31	PA
3B8GA	14190	1201	2	MD
6W1EX	14226	0103	27	NJ
7K2KT	14196	0010	5	CA
9L1US	14241	0154	3	MA
9V1YQ	14190	1130	1	NH
A22AA	14225	1448	1	CA
A41KJ	14200	1235	5	CA
A61AD *	14185	1510	3	CA
EA8ANT	14257	0545	4	CA
EX8V	14196	2253	3	NJ
FR5FA	14213	1313	1	MD
FT4YD	14192	1047	30	PA
GD4PTF	14187	0735	31	CA
H44AP	14165	1226	4	IN
HS1/	14187	1139	3	NH
JH8YDY				
HZ1AB	14251	0336	1	MD
JT1CS	14194	1450	24	MN
OD5ZZ	14220	2346	30	WI
S79KMB	14244	2219	2	CT
T40PAN	14150	1353	4	CA
TA5C	14217	0043	3	AZ
UZ0FWM	14221	1127	30	PA
V63WP	14227	1130	27	MN
VI4HBW	14240	1119	3	NS
VP8CGK	14227	1133	31	MD
VU3OGZ	14185	1233	5	CA
YI0VP	14198	0000	8	FL
YI1BGD	14252	2256	4	NH
YS1EMV	14193	1355	5	CA
ZS9S	14172	1540	2	CA

17 Meter CW

4K2OIL	18075	1622	10	FL
4K2PGO	18070	1506	4	CT
4K2POL	18076	0308	31	SC
4U1ITU	18074	1131	10	FL
5W1JU	18077	1232	10	FL
A43DX	18070	2330	31	NS
FH5EJ	18081	2024	3	SC
HC5AI	18073	2140	5	MN
LZ1BJ	18070	0300	31	SC
OH0BNA	18073	1129	10	FL
P29BF	18069	1250	10	FL
RA9YD	18073	0014	1	CA
RC8WAZ	18071	0230	31	AL
SV0DV/9	18070	0246	30	OH
T77C	18071	2000	3	SC
TF3EJ	18076	1825	30	CT
UD6DKW	18077	0302	31	WV
V85FL	18072	1840	30	CT

17 Meter SSB

5N0CEP	18129	2125	7	NJ
9K2JH	18116	2056	28	NS
ST0DX	18141	1858	5	NS

15 Meter CW

3C0CW	21025	0135	9	CT
3D2CA	21025	0245	26	CA
4K1D	21027	1250	31	MI
4K2BDU	21022	1647	30	IN

4K2PGO	21008	2137	8	FL
8R1J	21020	2155	4	GA
9J2BO	21030	1725	2	NH
9X5HG	21024	0146	6	FL
9X5HG	21009	2047	1	OH
A35CA	21023	0218	1	CA
BY4RB	21023	0205	31	GA
CE0FFD	21010	2240	31	GA
DU3/	21024	1240	31	MI
K4SXT				
HC6/	21005	2200	4	FL
HC1MD				
HK0NAF	21020	2244	7	MN
HS0AC	21020	1725	26	TX
RI1OA	21021	0200	30	OH
SU1HV	21017	0051	26	MD
SU1HV	21015	1912	3	NY
TF3AEN	21031	0012	10	FL
UA1OSM	21023	1527	28	BC
UM8MY	21013	0206	30	OH
V85OO	21027	0401	6	WA
VU2UR	21006	0207	30	OH
YC0XIM	21020	1552	30	IN
YF0BAQ	21018	1242	30	NH
ZP6CW	21029	2300	30	NH

15 Meter SSB

3C0CW	21299	2010	7	CA
5H3OH	21246	2110	3	NH
9K2SH	21290	0006	1	WI
9L1US	21252	1436	3	NH
9M2AX	21220	1440	3	NH
9M8ZZ	21245	1519	25	MD
A22AA	21262	1926	1	MI
A24KH	21345	2036	4	CT
BV2AR	21254	1409	28	MD
BY1QH	21227	1347	28	MD
BY5RT	21247	1800	23	TX
BY5RY	21230	0229	30	MD
BZ4RBX	21242	1315	18	PA
HZ1AB	21306	1726	31	NH
JW0GB	21232	1910	27	MD
OD5ZZ	21231	0040	30	GA
OD5ZZ	21231	2323	29	NH
S79KMB	21350	2005	29	MN
ST0DX	21275	1630	1	NH
TA8C	21254	2342	29	NH
V85AA	21225	0006	30	MD
VP8CGL	21269	2258	3	NH
YJ8RN	21231	0442	29	WA
YJ8RN	21286	1154	31	PA
ZK1WL	21214	0225	31	MD



Copyright The DX Bulletin. The DX Bulletin (ISSN 0279-8077) is published 50 times per year at P.O. Box 50, Fulton CA 95439 USA. Telephone (707) 523-1001; Fax: (707) 523-1001. Rates are \$32 Second Class Mail, \$42 First Class Mail (including Canada and Mexico) and US\$55 Foreign Airmail. Second Class postage paid at Santa Rosa CA. POSTMASTER: Send address changes to above address.

P.O. Box 50
Fulton, CA 95439
U.S.A.

FIRST CLASS MAIL

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

Issue 601 - August 16, 1991

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Albania	ZA	ZA2QA	Aug. 13-Sept.	I601
Andorra	C3	C30EJA	July-Aug.	I594
Annobon	3C0	3C0CW	Now-Aug. 17	I599
Antigua	V2/	AA5AU/G0AZT	Sept. 26-29	I600
Barbados	8P	8P9BZ/AP	Aug.22-Sept.3	I601
Belau	KC6	CW,DX,MZ	Sept. 8-12	I600
Burma	XZ	by 3W3RR	Now?	I601
Corsica	TK/	F6JMY	July 15-Sept.	I594
		I4FYF	Now-Aug. 20	I598
Desecheo	KP5	KP2A/KP5	Aug. 23-Sept. 2	I599
East Malaysia	9M	9M6OO/BQ	Now-Aug. 20	I596
Ecuador	HC	HC1MD	August	I597
Fiji	3D	3D2RW	Now	I601
Hawaii	KH6/	K6ICS	July 30-Aug. 23	I597
Hong Kong	VS6/	N2OO, KF2BQ	Aug. 24-30	I596
ITU Geneva	4U1	ITU	Aug. 19-24	I601
Maldives	8Q	8Q7CO	Now-Aug. 21	I599
Micronesia	V63	WW,AR,AX	Sept. 13-15	I600
Monaco	3A/	G0FUN/A	Aug. 17-18	I599
Mongolia	JT/	NZ7E,K5VT,KC7V	Sept. 1-8	I600
Montserrat	VP2M/	AA5AU,G0AZT	Sept. 30-Oct. 7	
Morocco	CN	CN12DKH	Now-Aug. 18	I601
Mozambique	C9	C9RTC	Now-Sept.	I598
Oblasts	UJ8S/	J/R	to Aug. 18	I599
	UA-X	090	Aug. 19-24	I599
South Africa	ZS	ZS6JR	Sept.	I601
South Cook Islands	ZK1??		Aug. 18-25	I594
Togo	5V/	F2JD	July 15-Dec.	I596

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Aug. 17-18	SARTG RTTY Test	<u>CQ</u>
Aug. 17-18	SEANET SSB Test	<u>CQ</u>
Aug. 17-18	Stars of the Air Contest	<u>I600</u>
Sept. 7	W9DXCC Convention	<u>I593</u>
Sept. 7-8	All Asian Phone Test	<u>I591</u>
Sept. 14-15	Worked All Europe Phone	<u>CQ</u>
Sept. 28-29	CQWW RTTY test	<u>CQ</u>

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Antarctica	4K1D	21024±	1300Z
■ China	BY4RB	21022	0200Z
■ Crozet Island	FT4WC	14006	1230Z
■ Djibouti	J28FO	14012	0315Z
■ Fiji	3D2WE	14030	1145Z
■ Franz Josef Land	4K2BDU	20M CW	0200Z
■ Franz Josef Land	4K2OIL	14005±	23-0100Z
■ India	VU2LX/NI	14014±	1200Z
■ Kazakhstan	UL8AWL	14005	0100Z
■ Lebanon	OD5ZZ	21245±	0100Z
■ Malaysia	9M2FK	14014±	1130Z
■ Mauritius Island	3B8GA	14192	1200Z
■ Mauritius Island	3B8GA	14006	1130Z
■ Mauritius Island	3B8FG	14020	1230Z, 03Z
■ Mongolia	JT1CS	14034	1445Z Thurs.
■ Nicaragua	YN1CC	14005	11-1300Z
■ Oman	A41KJ	14195±	1230Z
■ Reunion Island	FR5DD	20M CW	1130Z
■ Reunion Island	FR5FA	14030±	1130-13Z
■ Singapore	9V1YQ	14192	1130Z
■ Singapore	9V1JY	14025±	10-1400Z
■ Sri Lanka	4S7CF	14028	1200Z
■ Sri Lanka	4S7WP	14007	1230Z
■ Thailand	HS0AC	21020	1730Z
■ Thailand	HS0AC	14025	1100Z
■ United Nations	4U1UN	14010±	2345Z
■ Zimbabwe	Z21FN	14026±	1300Z
■ Zimbabwe	Z21CA	14035	1330Z

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, 9L1US, AA5NN, AA6VZ, ARRL Letter, CT1ZW, F6EEM, GM3MTH, HA0DU, HK6LRP, K0CVD, K0EUV, K0PP, K1HDO, K1VWL, K2AJY, K3IA, K3ZPG, K4BAI, K4II, K4IQJ, K4LNA, K6FD, K6IR, K7UOT, K8CH, K8OGL, K8TDJ, K9AJ, KA3DBN, KA7T, KE9OZ, KE9OZ, KK6H, KS0M, KT7H, LA0CX, MDXN, N4XR, N6WQH, NY5L, NZ2Q, NZ9R, RZ1OA, UA4LEW, VE1YX, VE7COP, W0JRN, W0RXL, W1AM, W1AW, W1BFT, W2WW, W4VQ, W6BJI, W6DU, W6JOX, W6OSP, W6UQF, W6WKE, W7AWA, W7AYY, W8CT, W8MEP, W9DH, W9NTU, WA0RJY, WA9AQE, WB3AVN, WB7OJV, WB8SFF, WB8YJF, WG5J, WN6J, and WO6R.